

# UFAQ PM<sub>2.5</sub> WORKGROUP

Round 3 Meetings: April 2012



# Introduction and Key Points

- DAQ continues to work hard in this challenging effort to safeguard public health through this PM 2.5 SIP development process. We know that Public Health is important to you and the community you represent.
- Our information and modeling has become very refined, and we are seeing our challenges clearly. For Davis County, this means we will need to employ many strategies to succeed, covering items in both the Basic and Enhanced Baskets.
- DAQ will verify a strategy is necessary in each county before implementing it.
- Implementing these strategies will be challenging for ALL source types.

# Meeting Agenda

## **Segment 1: DAQ information and presentation (2:00-3:05 pm)**

Introduction and Welcome: **2:00-2:05**

Progress Report: **2:05-2:10**

Model Results: **2:10-2:30**

Point Source Discussion: **2:30-2:40**

Strategy Definition Q&A: **2:40 – 2:50**

Prioritization Exercise and Break: **2:50-3:05**

## **Segment 2: Prioritized Strategy Discussions (3:05- Close)**

Breakouts for specific discussions of identified priorities: **3:05-3:55**

Next Steps: **3:55-4:00**

- Survey (week of April 30)
- Rulemaking (summer 2012)
- Public Comment Period (late summer 2012)
- Open Houses (public and Workgroups together – late summer 2012)





**Model Performance**  
**Presentation of Results**

**Emissions Inventory**  
**Present to Stakeholders**  
**Improve Based on Feedback**

**Control Strategy Development**  
**Stakeholder Input**  
**Presentation of Results**

**Draft/Final Control-Strategy Baskets**

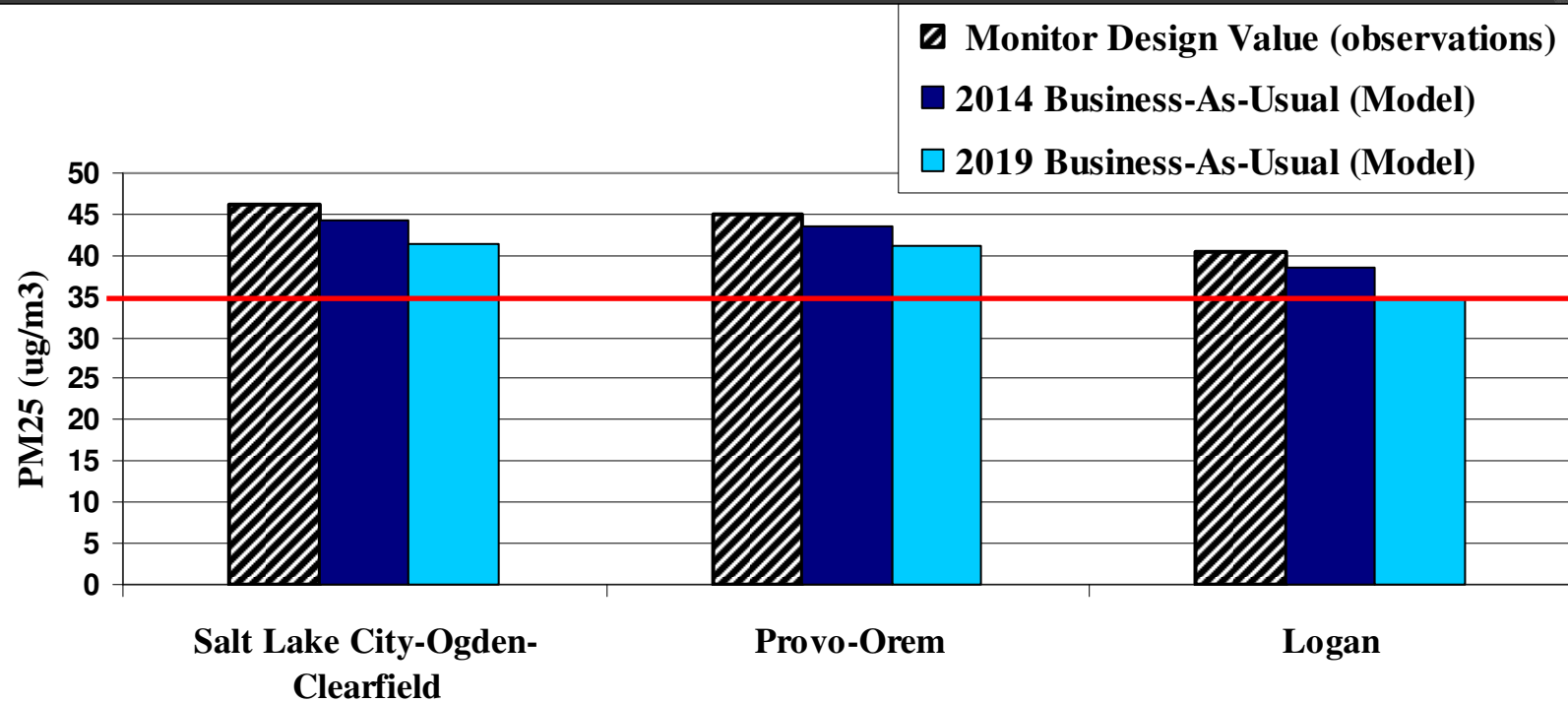
**Improvement in Basin-wide Air Quality**

# Model Attainment Test

- ⦿ **All monitor sites in each non-attainment area must meet 24-hr PM<sub>2.5</sub> NAAQS standard**
- ⦿ **Outline:**
  - **Model attainment test will be presented for each non-attainment area for 2014 and 2019**
  - **Results from both Business-As-Usual and emission control reductions will be shown**

# Model Attainment Test

## April 20, 2012

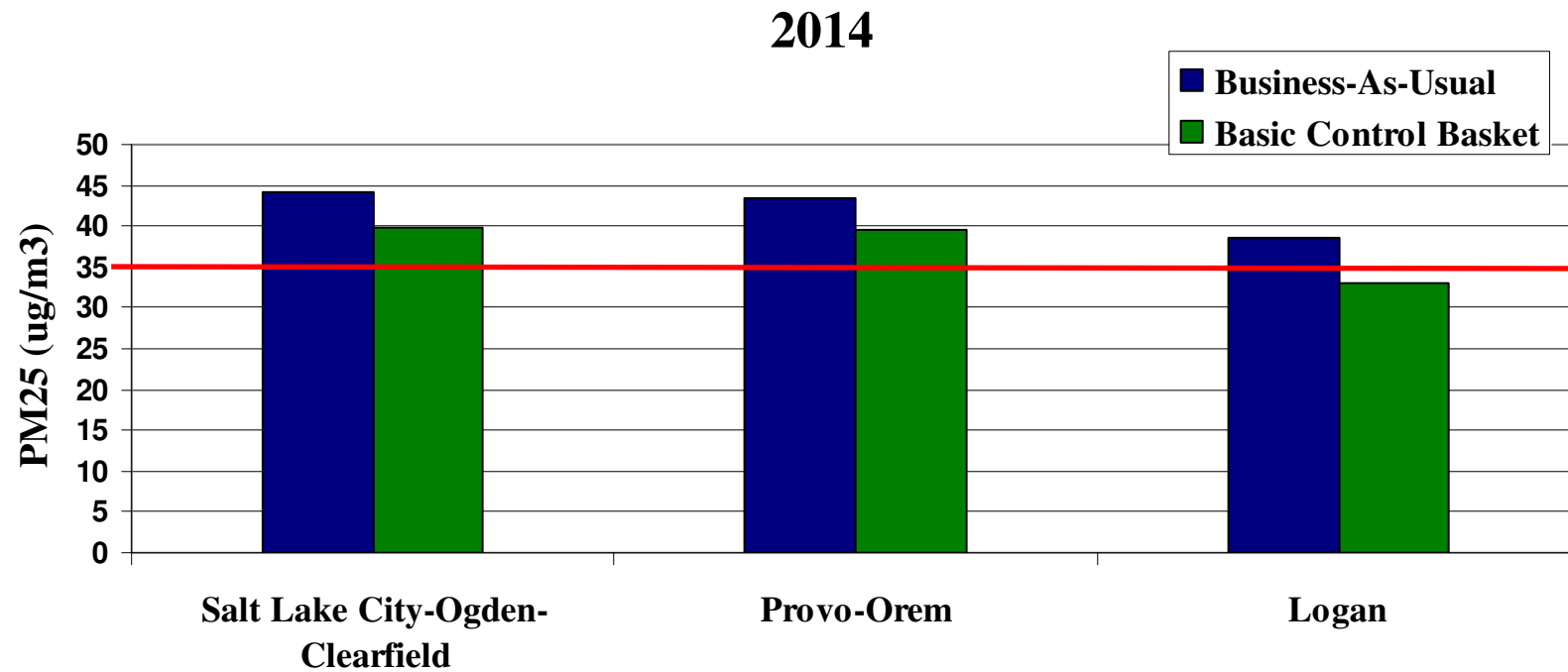


**Non-Attainment Areas**



# Model Attainment Test

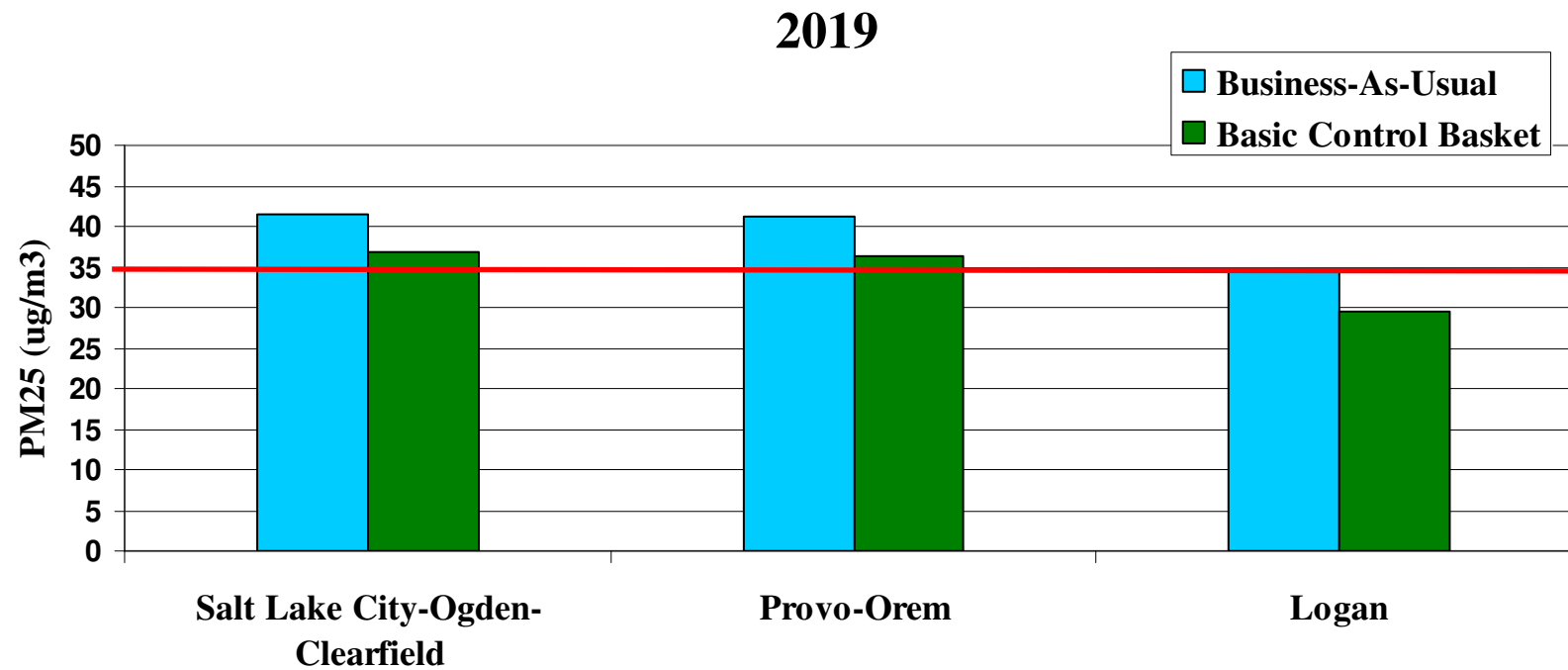
## April 20, 2012



**Non-Attainment Areas**

# Model Attainment Test

## April 20, 2012

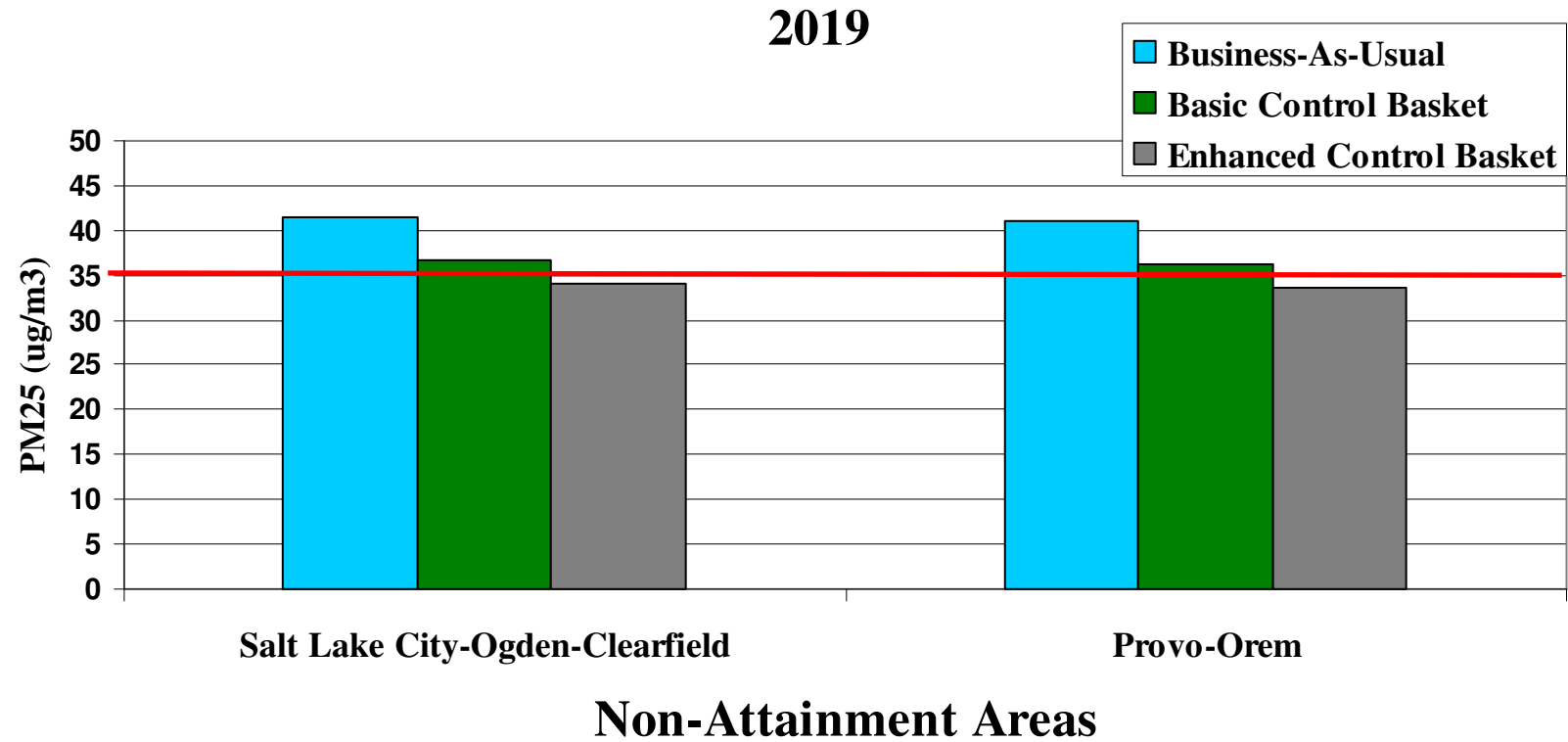


Non-Attainment Areas

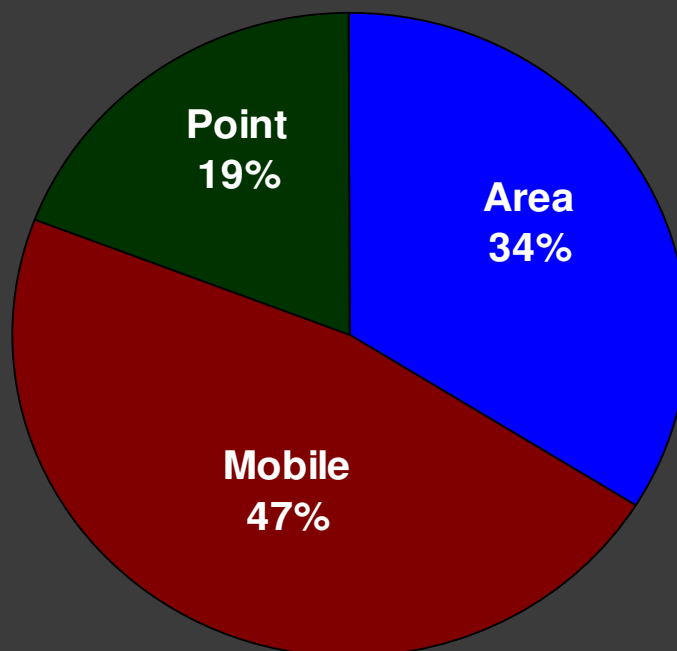


# Model Attainment Test

## April 20, 2012



# 2014 Projected Actual Emissions Inventory SLC-Ogden-Clearfield NAA



% of total inventory

	VOC	NOx	SOx	Prim.
Area	5.3%	0.2%	0.1%	6.9%
Mobile	1.1%	1.0%	0.1%	0.2%
Point	0.5%	0.2%	0.8%	1.5%

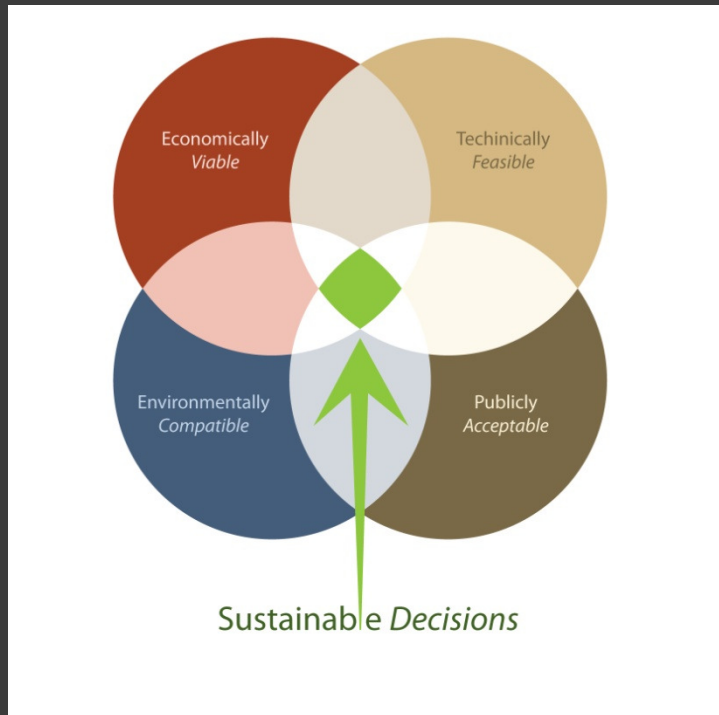
## Basic Control Basket Reductions

# POINT SOURCE EVALUATION: PM<sub>2.5</sub> SIP

## Reasonably Available Control Technology (RACT) Analysis

- Point Sources/Characteristics
- RACT Requirements
- Path Forward

# Prioritization and Breakout Instructions



## Prioritization Exercise

- 15 min for prioritization and break.
- 3 colors of paper. Use as follows:
  - 2 Green – most preferred (why in under 5 words)
  - 2 Yellow – least preferred (why in under 5 words)
  - 1 Pink – the one I most want to discuss (name)
- Put your ideas on the board under the appropriate strategy.
- We will organize the tables to discuss the strategies you prioritize.

## Breakout Instructions

- 50 minutes to discuss your priorities.
- There will be three tables and you may move to any of them at any time.
- The dialogue will be open. Please respect everyone and take turns speaking.
- Reconvene for next-steps.